

Power Lines using BPL are not able to "package" an R.F. signal and deliver it only to a computer user because they are natural radiators. Any wire presented with R.F. will radiate isotropically (in all directions), not just to a users computer. This is referred to as pollution. All HF and low VHF services, not exclusively amateur, will hear this noise. (that includes you guys, FEMA/Intelligence/Astronomers...etc..) There is no dsp (digital signal processing circuit) on the market today capable of eliminating this type of noise. IF we were attacked by a foriegn power, such as 9/11 this system would be easily disabled by some local joe transmitting from his van and would cripple the nations internet. BPL= unsecure communications. When solar activity is high (sunspots) the noise from the sun will wipe out BPL communications on earth as it also wipes out communications for all HF radio services during a flare. In other words, the power line is a radiator and also is an antenna for a bpl modem. A wire is equally good at radiating a signal or receiving a signal, making it extremely susceptible to interference also. Dollars will not change the most simple laws of physics, nor will false promises (with no test data (that is kept secret) from your BPL companies.)) Please excersize your right as a commmunications regulatory agency and limit and control the use of spectrum as you have always done, so that radio services can co-exist together as they have done in the past. We are also referring to you- and our own govermental intelligence agencies. One other thing. When the power lines radiate (and they will, even if this signal is low power, it will still reflect off the ionisphere (in the hf bands- thats just the way it works) and interference on one city block can be heard accross the nation. Lets not take the easy way out guys. IT will raise money and it will raise epidemic problems. You wouldn't have extended the comments date if you didn't suspect it might be a problem. Facts speak for themselves here. Don't feel that you are so far into the thick of it that you have to go forward no matter what. Take a moment to think about this and ask this question: Is it possible that damage to national security and other radio services may, in the long run, cost more than the revenue raised today? Sincerely,  
Marc Ecker or KE2BP You may call me at 352-489-5760

It is an easy way out of  
the more expensive fiber which